Components of Air Pollution and International Contribution

Your product (due at the beginning of class on Monday) will be a ***wiki page*** with a ***discussion*** (based on research) and a ***graph***. Class time will be given on Wednesday, Thursday, and Friday.

**Discussion:**

[Research](http://quack.pbwiki.com/Research+air+pollution) and write about one component or contributor to air pollution

    Choose from this list:

1. Particulate Pollution (coal power plants)
2. Pollution from motor vehicles
3. Pollution from industry

This discussion should **quote** resources you've found in text ***and*** on the internet. It should be one to two paragraphs long (topic sentence, details…)

**Graph:**

 Find [data on three countries](https://www.cia.gov/library/publications/the-world-factbook/index.html) (at least one should be "developed" and one should be "developing"). The data should relate to the components above (industries or evidence of usage).

**Match** your data to the source/component of air pollution you used above:

1. Coal power plants
2. miles (or kilometers) of roadway (or use airports if you are researching jet engine pollution)
3. % or amount of heavy industry

Everyone should also add two more pieces of information to your research and your graph:

* An Economic indicator - please use **GDP per capita**
* A Health indicator - you may choose your own, for instance, life expectancy, infant mortality...

Graph the data in Excel using a bar graph with all data in one graph. Your countries will be unique (no one will  be repeating the same country)

The assignment is worth 15 points. It will be graded on the clarity of the relationship between cause of air pollution and data found. This portion will be worth 8 points. It will also be graded on the quality of presentation of the Excel graph (graph and data should be clearly labeled)

Your chosen component or contributor is:

Your three countries are:

Your data will be:

Your economic indicator is:

Your health indicator is:

Your data should be collected here:

|  |  |  |  |
| --- | --- | --- | --- |
| Country | Pollution Indicator | Economic Indicator | Health Indicator |
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